

INVESTIGATOR'S ANNUAL REPORT

National Park Service

All or some of the information provided may be available to the public

Reporting Year: 2003	Park: Shenandoah NP									
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Additional investigators or key field assistants (first name, last name, office phone, office email): <table><tr><td>Name: Denice Wardrop</td><td>Phone: 814-863-1005</td><td>Email: dhw110@psu.edu</td></tr><tr><td>Name: Robert Brooks</td><td>Phone: 814-863-1596</td><td>Email: rpb2@psu.edu</td></tr><tr><td>Name: Chris Cirmo</td><td>Phone: 607-753-2924</td><td>Email: cirmoc@cortland.edu</td></tr></table>		Name: Denice Wardrop	Phone: 814-863-1005	Email: dhw110@psu.edu	Name: Robert Brooks	Phone: 814-863-1596	Email: rpb2@psu.edu	Name: Chris Cirmo	Phone: 607-753-2924	Email: cirmoc@cortland.edu
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Permit#: SHEN-2002-SCI-0009										
Park-assigned Study Id. #: SHEN-00274										
Project Title: Assessing an HGM-based wetland classification and assesment scheme along a 1000 km gradient of the Appalachian Mountains: Hydrology, soils and wetland function										
Permit Start Date: May 01, 2002	Permit Expiration Date Jun 30, 2005									
Study Start Date: May 01, 2002	Study End Date Jun 30, 2005									
Study Status: Terminated before completed										
Activity Type: Research										
Subject/Discipline: Ecology (Aquatic, Marine, Terrestrial)										
Objectives: <p>We seek to expand a recently developed wetland classification and functional assessment protocol, created in Pennsylvania, to regions north (NY) and south (VA-SHEN) within the Appalachian mountains. We want to determine if similar wetland types occur along a broad latitudinal gradient, and if wetland structure and function are similar. If we are able to show that certain wetland types occur along a broad latitudinal gradient, then aquatic classification efforts will be made easier, and functional assessment of these wetlands will be simplified. Our primary objective for this research project is to determine the applicability of the wetland classification key and the functional assessment models to regions outside of Pennsylvania.</p> <p>Within the Shenandoah National Park, we will generate a new set of reference wetlands. At each site in the park we will apply the HGM functional assessment models developed in PA.</p> <p>The purpose of this permit is to find sites. We will apply for a new permit for data collection activities once we have determined those sites that are appropriate reference wetlands.</p>										

Findings and Status: no activity was conducted this report year	
For this study, were one or more specimens collected and removed from the park but not destroyed during analyses? No	
Funding provided this reporting year by NPS: 0	Funding provided this reporting year by other sources: 973301
Fill out the following ONLY IF the National Park Service supported this project in this reporting year by providing money to a university or college	
Full name of college or university: n/a	Annual funding provided by NPS to university or college this reporting year: 0